

PTO/SB/01 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**



Declaration
Submitted
with Initial
Filing

OR



Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number

HES 2000-IP-001080U1

First Named Inventor

Charles A. Butterfield, Jr.

COMPLETE IF KNOWN

Application Number

Filing Date

Art Unit

Examiner Name

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Anti-Rotation Method and Apparatus For Limiting Rotation of Cementing Plugs

(Title of the invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>




Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/>		Customer Number or Bar Code Label				OR <input type="checkbox"/>		Correspondence address below	
28857 PATENT TRADEMARK OFFICE									
Name									
Address									
City				State			ZIP		
Country			Telephone				Fax		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.									
NAME OF SOLE OR FIRST INVENTOR :				<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name Charles A. (first and middle [if any])					Family Name Butterfield, Jr. or Surname				
Inventor's Signature <i>Charles A. Butterfield Jr.</i>					Date 6/5/02				
Duncan Residence: City			OK State		U.S. Country		U.S. Citizenship		
Mailing Address 4810 Copperwood									
Duncan City			OK State		73533 ZIP		U.S. Country		
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name Henry E. (first and middle [if any])					Family Name Rogers or Surname				
Inventor's Signature <i>Henry E. Rogers</i>					Date 6-5-02				
Duncan Residence: City			OK State		U.S. Country		U.S. Citizenship		
Mailing Address 5615 Billy Lee Drive									
Duncan City			OK State		73533 ZIP		U.S. Country		
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.									

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental Sheet
Page 1 of 3

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Seth R. Given Name		Moore Family Name or Surname	
Inventor's Signature <i>Seth R. Moore</i>		Date <i>July 16th, 2002</i>	
Conroe Residence: City	TX State	U.S. Country	U.S. Citizenship
2472 Ripplewood Court Mailing Address			
Mailing Address			
Conroe City	TX State	77384 ZIP	U.S. Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Donald M. Given Name		Garrett, Jr. Family Name or Surname	
Inventor's Signature <i>Donald M. Garrett</i>		Date <i>6/29/02</i>	
Youngsville Residence: City	LA State	U.S. Country	U.S. Citizenship
309 Wallingsford Cir. Mailing Address			
Mailing Address			
Youngsville City	LA State	70592 ZIP	U.S. Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Ronald J. Given Name		Holubec Family Name or Surname	
Inventor's Signature <i>R. Holubec</i>		Date <i>6/28/02</i>	
Houma Residence: City	LA State	U.S. Country	U.S. Citizenship
800 Douglas Dr. Mailing Address			
Mailing Address			
Houma City	LA State	70364 ZIP	U.S. Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental Sheet
Page 2 of 3

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Anthony M.		Family Name or Surname Badalamenti	
Inventor's Signature <i>Anthony M. Badalamenti</i>		Date 06/05/02	
Residence: City Lafayette	State LA	Country U.S.	Citizenship U.S.
Mailing Address 106 Berkshire Lane			
City Lafayette			
State LA		ZIP 70508	Country U.S.
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Earl D.		Family Name or Surname Webb	
Inventor's Signature <i>Earl D. Webb</i>		Date 6-17-02	
Residence: City Wilson	State OK	Country U.S.	Citizenship U.S.
Mailing Address P.O. Box 87			
City Wilson			
State OK		ZIP 73463	Country U.S.
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Michael D.		Family Name or Surname Stevens	
Inventor's Signature <i>Michael D. Stevens</i>		Date 6-10-02	
Residence: City Duncan	State OK	Country U.S.	Citizenship U.S.
Mailing Address 630 E. Osage Rd.			
City Duncan			
State OK		ZIP 73533	Country U.S.

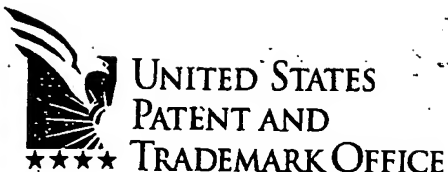
Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental Sheet
Page 3 of 3

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Steven L. Given Name		Holden Family Name or Surname	
Inventor's Signature <i>Steven L. Holden</i>		Date <i>6-10-2002</i>	
Fletcher Residence: City	OK State	U.S. Country	U.S. Citizenship
Route 1, Box 670 Mailing Address			
Mailing Address			
Fletcher City	OK State	73541 ZIP	U.S. Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
John C. Given Name		Zimmerman Family Name or Surname	
Inventor's Signature <i>John C. Zimmerman</i>		Date <i>6-10-02</i>	
Duncan Residence: City	OK State	U.S. Country	U.S. Citizenship
Route 2 Box 217 Mailing Address			
Mailing Address			
Duncan City	OK State	73533 ZIP	U.S. Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



OCTOBER 02, 2002

HALLIBURTON ENERGY SERVICES
CRAIG W. RODDY
2600 SOUTH SECOND STREET
DUNCAN, OK 73536-0440

PTAS
RECEIVED

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

OCT 02 2002



102178439A

CRAIG W. RODDY

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/23/2002

REEL/FRAME: 013140/0265
NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BUTTERFIELD, CHARLES A., JR.

DOC DATE: 06/05/2002

ASSIGNOR:

ROGERS, HENRY E.

DOC DATE: 06/05/2002

ASSIGNOR:

MOORE, SETH R.

DOC DATE: 07/16/2002

ASSIGNOR:

GARRETT, DONALD M., JR.

DOC DATE: 06/24/2002

ASSIGNOR:

HOLUBEC, RONALD J.

DOC DATE: 06/28/2002

ASSIGNOR:

BADALAMENTI, ANTHONY M.

DOC DATE: 06/05/2002

ASSIGNOR:

WEBB, EARL D.

DOC DATE: 06/17/2002

013140/0265 PAGE 2

ASSIGNOR:

STEVENS, MICHAEL D.

DOC DATE: 06/10/2002

ASSIGNOR:

HOLDEN, STEVEN L.

DOC DATE: 06/10/2002

ASSIGNOR:

ZIMMERMAN, JOHN C.

DOC DATE: 06/13/2002

ASSIGNEE:

HALLIBURTON ENERGY SERVICES, INC.
10200 BELLAIRE BOULEVARD
HOUSTON, TEXAS 77072

SERIAL NUMBER: 10201505

FILING DATE: 07/23/2002

PATENT NUMBER:

ISSUE DATE:

JEFFREY OLSEN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

08-05-2002

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼

R



102178439

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Charles A. Butterfield, Jr.; Henry E. Rogers;

Seth R. Moore; Donald M. Garrett, Jr.;

Ronald J. Holube; Anthony M. Badalamenti;

Earl D. Webb; Michael D. Stevens;

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

2. Name and address of receiving party(ies)

Name: Halliburton Energy Services, Inc.

Internal Address: _____

Street Address: 10200 Bellaire Boulevard

City: Houston State: TX Zip: 77072

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: see attach

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 06/05/2002

A. Patent Application No.(s) 10/201505

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Craig W. Roddy

Internal Address: Halliburton Energy Services

Street Address: 2600 South Second Street

City: Duncan State: Ok Zip: 73536-0440

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

08-0300

DO NOT USE THIS SPACE

9. Signature.

Craig W. Roddy

Name of Person Signing

Signature

7-22-2002

Date

Total number of pages including cover sheet, attachments, and documents: 8

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

08/02/2002 GTCH11 00000176 080300 10201505

01 FC:581

40.00 CH

10/201505

07/23/02

CONTINUATION SHEET FOR RECORDATION COVER SHEET FORM

1. ADDITIONAL NAMES OF CONVEYING PARTIES:

Steven L. Holden
John C. Zimmerman

3. EXECUTION DATE:

June 5, 2002
Charles A. Butterfield, Jr.
Henry E. Rogers
Anthony M. Badalamenti

June 10, 2002
Michael D. Stevens
Steven L. Holden

June 13, 2002
John C. Zimmerman

June 17, 2002
Earl Webb

June 24, 2002
Donald M. Garrett, Jr.

June 28, 2002
Ronald J. Holubec

July 16, 2002
Seth R. Moore

ASSIGNMENT

Whereas, I/We, Charles A. Butterfield, Jr. of Stephens County, Duncan, Oklahoma; Henry E. Rogers of Stephens County, Duncan, Oklahoma; Seth R. Moore of Montgomery County, Conroe, Texas; Donald M. Garrett, Jr. of Lafayette Parrish, Youngsville, Louisiana; Ronald J. Holubec of Terreboone Parrish, Houma, Louisiana; Anthony M. Badalamenti of Lafayette Parrish, Lafayette, Louisiana; Earl D. Webb of Carter County, Wilson, Oklahoma; Michael D. Stevens of Stephens County, Duncan, Oklahoma; Steven L. Holden of Comanche County, Fletcher, Oklahoma, and John C. Zimmerman of Stephens County, Duncan, Oklahoma, have invented ANTI-ROTATION METHOD AND APPARATUS FOR LIMITING ROTATION OF CEMENTING PLUGS for which I have made application for Letters Patent of the United States; and

Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of the sum of ten dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application first executed on June 5, 2002, submitted concurrently herewith, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

And I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And I do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

Executed this 5th day of June, 2002, at Duncan, Stephens County, Oklahoma U.S.A.

Charles A. Butterfield, Jr.
Charles A. Butterfield, Jr.

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said Charles A. Butterfield, Jr., and acknowledged the foregoing instrument to be his free act and deed this 5th day of June, 2002.

Seal

Sheila Gibbs
(Notary Public)

My Commission Expires: September 13, 2004
Commission Number: 00014119

Executed this 5th day of June, 2002, at Duncan, Stephens County, Oklahoma U.S.A.

Henry E. Rogers
Henry E. Rogers

State of Oklahoma)
) ss
County of Stephens)

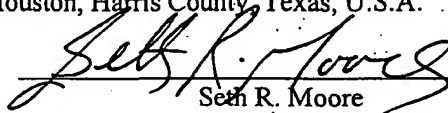
Before me personally appeared said Henry E. Rogers and acknowledged the foregoing instrument to be his free act and deed this 5th day of June, 2002.

Seal

Sheila Gibbs
(Notary Public)

My Commission Expires: September 13, 2004
Commission Number: 00014119

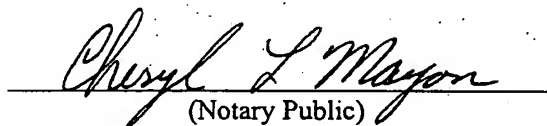
Executed this 16th day of ~~June~~ ^{July}, 2002, at Houston, Harris County, Texas, U.S.A.


Seth R. Moore

State of Texas)
) ss
County of Harris)

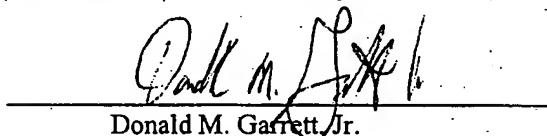
Before me personally appeared said Seth R. Moore and acknowledged the foregoing instrument to be his free act and deed this 16th day of ~~June~~ ^{July}, 2002.

Seal


(Notary Public)

My Commission Expires: 03/01/03

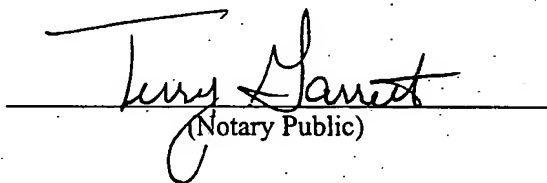
Executed this 24th day of June, 2002, at Lafayette, Lafayette Parrish,
Louisiana, U.S.A.


Donald M. Garrett, Jr.

State of Louisiana)
) ss
Parrish of Lafayette)

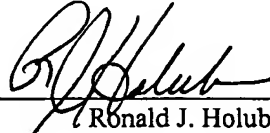
Before me personally appeared said Donald M. Garrett, Jr. and acknowledged the foregoing instrument to be his free act and deed this 24th day of June, 2002.

Seal


(Notary Public)

My Commission Expires: at death

Executed this 28 day of June, 2002, at, Houma, La, Terrebonne Parrish,
Louisiana, U.S.A.

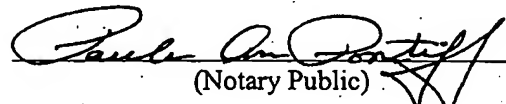


Ronald J. Holubec

State of Louisiana)
) ss
Parrish of Terrebonne

Before me personally appeared said Ronald J. Holubec and acknowledged the foregoing
instrument to be his free act and deed this 28th day of June, 2002.

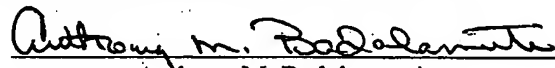
PAULA ANN PONTIFF
Seal NOTARY PUBLIC
COMMISSIONED FOR LIFE



(Notary Public)

My Commission Expires:

Executed this 5th day of June, 2002, at, Duncan, Stephens County, Oklahoma, U.S.A.

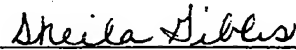


Anthony M. Badalamenti

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said Anthony M. Badalamenti and acknowledged the foregoing
instrument to be his free act and deed this 5th day of June, 2002.

Seal



(Notary Public)

My Commission Expires: September 13, 2004
Commission Number: 00014119

Executed this 17th day of June, 2002, at, Duncan, Stephens County, Oklahoma, U.S.A.

Earl D. Webb

Earl D. Webb

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said Earl D. Webb and acknowledged the foregoing instrument to be his free act and deed this 17th day of June, 2002.

Seal

Sheila Gibbs

(Notary Public)

My Commission Expires: September 13, 2004
Commission Number: 00014119

Executed this 10th day of June, 2002, at, Duncan, Stephens County, Oklahoma, U.S.A.

Michael D. Stevens

Michael D. Stevens

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said Michael D. Stevens and acknowledged the foregoing instrument to be his free act and deed this 10th day of June, 2002.

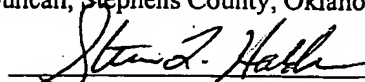
Seal

Sheila Gibbs

(Notary Public)

My Commission Expires: September 13, 2004
Commission Number: 00014119


Executed this 10th day of June, 2002, at, Duncan, Stephens County, Oklahoma, U.S.A.


Steven L. Holden

State of Oklahoma)
) ss
County of Duncan)

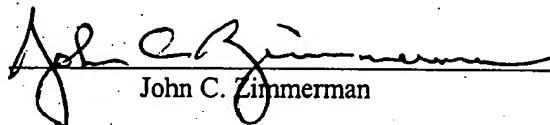
Before me personally appeared said Steven L. Holden and acknowledged the foregoing instrument to be his free act and deed this 10th day of June, 2002.

Seal


(Notary Public)

My Commission Expires: September 13, 2004
Commission Number: 00014119

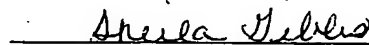
Executed this 13th day of June, 2002, at, Duncan, Stephens County, Oklahoma, U.S.A.


John C. Zimmerman

State of Oklahoma)
) ss
County of Duncan)

Before me personally appeared said John C. Zimmerman and acknowledged the foregoing instrument to be his free act and deed this 13th day of June, 2002.

Seal


(Notary Public)

My Commission Expires: September 13, 2004
Commission Number: 00014119